

Amendments to the Specification begin on page 2 of this response.

1) Below is the Figure 2 description as published in 2004/0222411:

[0031] FIG. 2(d) graphically illustrates a prior-art inter-band transition band between conduction and valence bands, compared to an intra-band transition of the present invention, with a three dimensionally confined quantum well structure that behaves as a true quantum dot.

1.1) Below is the same Figure 2 description as published in U.S. 6,734, 453.

FIGS. 2(d1 and d2) graphically illustrates a prior-art inter-band transition band between conduction and valence bands, compared to an intra-band transition of the present invention, with a three dimensionally confined quantum well structure that behaves as a true quantum dot.

1.2) Applicant requests that the current specification be amended as per U.S. 6,734,453, as noted in attached pages.